

Extension Service Circular 160

June, 1931

EXTENSION SERVICE CIRCULARS

of the
United States Department of Agriculture

NUMBERS 1 TO 160, INCLUSIVE

Issued from March, 1926, to June, 1931



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UNITED STATES DEPARTMENT OF AGRICULTURE
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Washington, D. C.

EXTENSION SERVICE CIRCULARS
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United States Department of Agriculture

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The extension service circulars issued by the United States Department of Agriculture, the titles and serial numbers of which are given in the following pages, have been mimeographed in limited editions only. Distribution to extension workers and to the libraries of State agricultural colleges and experiment stations has been made. Those circulars which are indicated as being no longer available may be consulted at the State agricultural college or experiment station library. A few additional copies may be obtained of available circulars as long as the supply lasts. Requests should give title and serial number and should be sent direct to the Office of Cooperative Extension Work, United States Department of Agriculture, Washington, D. C.

DISTRIBUTION: One copy of this circular has been sent to each State extension director, State supervisor of extension work, extension editor, library of State agricultural college, and library of experiment station.

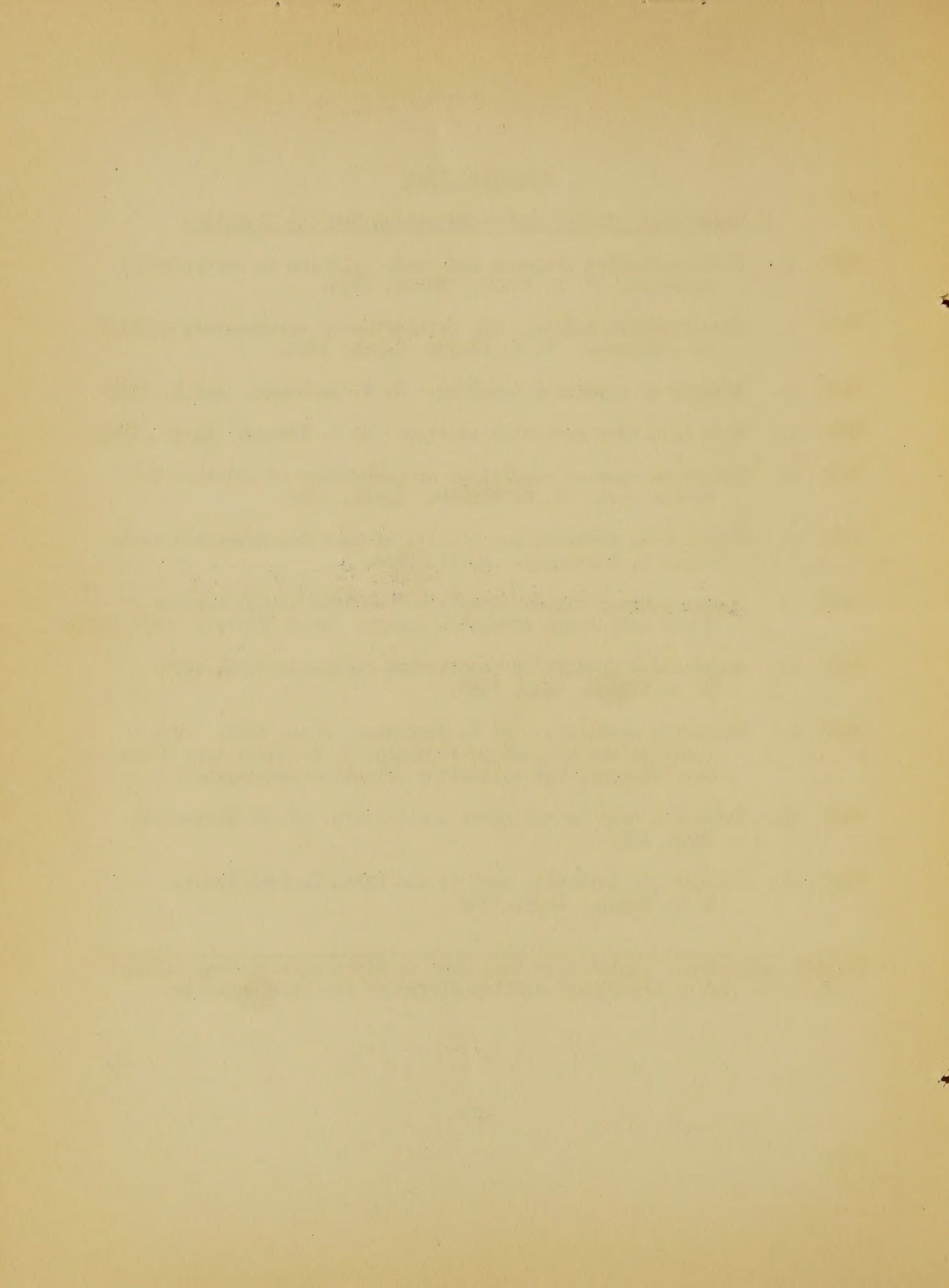
*Revision of Extension Service Circulars 103 and 122.

Numerical List

of Department of Agriculture Extension Service Circulars

- *ESC 1. State extension programs and their relation to agricultural research. W. A. Lloyd. March, 1926.
- *ESC 2. The extension ladder. The principles of salesmanship applied to extension. W. A. Lloyd. March, 1926.
- *ESC 3. Methods of extension teaching. H. W. Hochbaum. April, 1926.
- *ESC 4. Club data from extension studies. M. C. Wilson. April, 1926.
- *ESC 5. Effect of weather conditions on percentage of moisture in market corn. O. S. Fisher. April, 1926.
- *ESC 6. Objectives, methods, and results of home demonstration work. Grace E. Frysinger. April, 1926.
- *ESC 7. Junior poultry clubs. Excerpts from 1924 annual reports of State and county extension agents. M. C. Wilson. May, 1926.
- *ESC 8. Statistical results of cooperative extension work, 1925. M. C. Wilson. May, 1926.
- *ESC 9. Extension campaigns. H. W. Hochbaum. June, 1926. (For revision see printed publication, U. S. Dept. Agr. Circ. 58, "Planning and conducting extension campaigns.")
- *ESC 10. Extension work in the newer agriculture. C. W. Warburton. June, 1926.
- *ESC 11. Comments on extension work in the North Central States. C. B. Smith. June, 1926.

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.



- *ESC 12. Selected list of books for use in 4-H club work. Gertrude L. Warren. June, 1926.
- ESC 13. Use of fundamental principles of teaching. A. B. Graham. June, 1926.
- *ESC 14. Growth work with 4-H clubs. Miriam Birdseye. October, 1926.
- *ESC 15. The older girl in the extension program. Gertrude L. Warren. July, 1926.
- *ESC 16. Games for 4-H clubs - tag games. R. G. Foster. July, 1926.
- *ESC 17. County-agent standards. H. W. Gilbertson. July, 1926.
(For revisions see ESC 66 and ESC 158.)
- *ESC 18. Extension work in agronomy, 1925. O. S. Fisher. July, 1926.
- ESC 19. Some fundamentals of extension teaching. A. B. Graham. July, 1926.
- ESC 20. Agricultural extension work in the 11 Western States, 1925. Eugene Merritt. July, 1926.
- ESC 21. County-agent supervision. H. W. Gilbertson. July, 1926.
- *ESC 22. Swine sanitation. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson and C. D. Lowe. August, 1926.
- ESC 23. Foreign agricultural extension activities. Canada, England and Wales, Mexico, Peru, United States of Colombia, Sweden, Italy, Germany, and Union of South Africa. J. M. Stedman. August, 1926.
- *ESC 24. Marketing activities - farm women and girls. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. September, 1926.
- *ESC 25. Poultry housing. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson, October, 1926.
- *ESC 26. A study of demonstrations as used in cooperative extension work. W. J. Wright. October, 1926.
- *ESC 27. Ten years of home management in the extension program. Madge J. Reese. October, 1926. (See U. S. Dept. Agr. Circ. 17.)
- ESC 28. Alfalfa. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson and O. S. Fisher. November, 1926.
- *ESC 29. House furnishings. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. November, 1926.

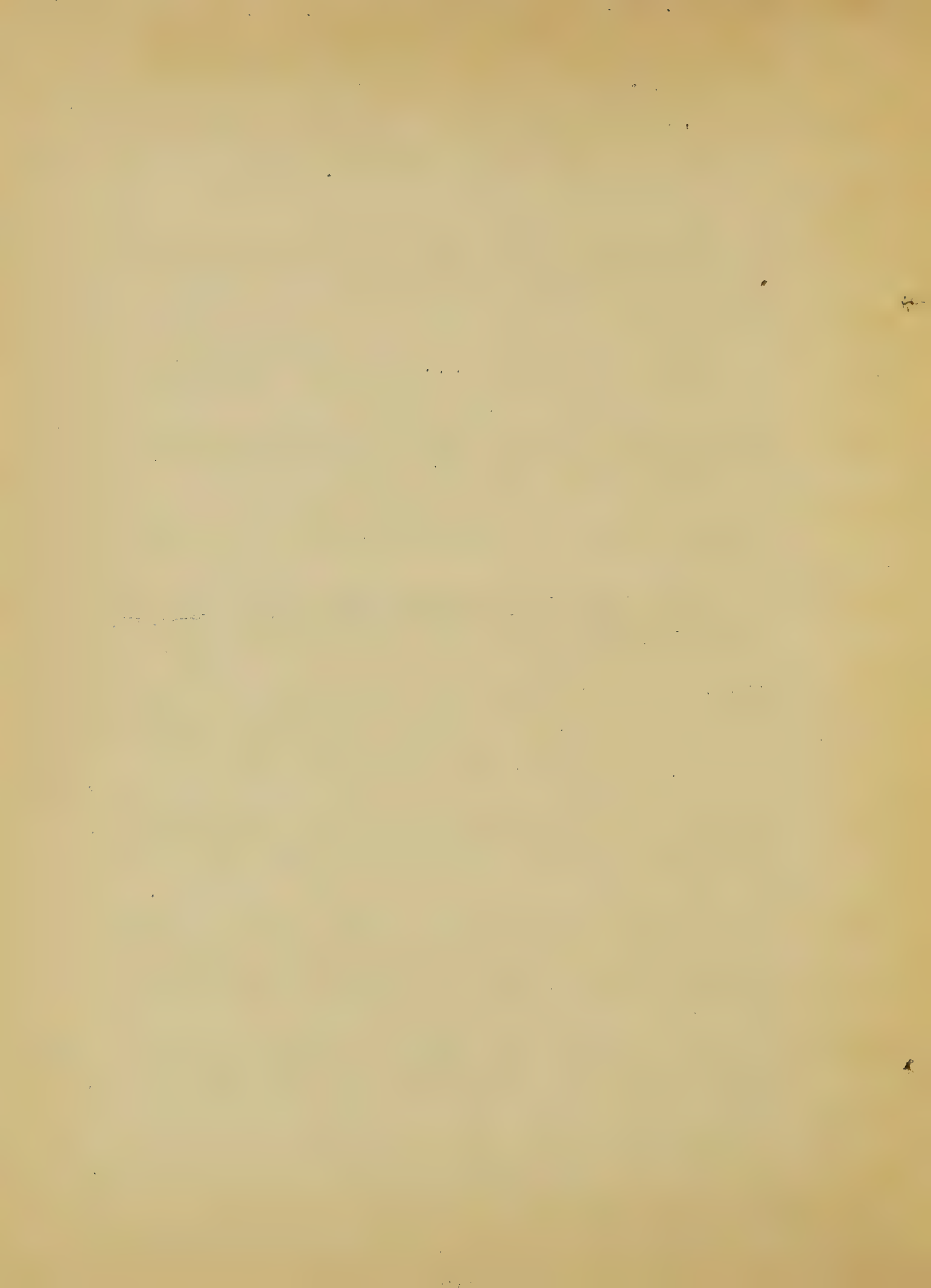
*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

- *ECS 30. Kitchen arrangement. Excerpts from 1925 annual reports of State and county extension agents. M. C. Wilson. December, 1926.
- *ECS 31. Some factors affecting tenure in extension work. W. A. Lloyd. ✓
December, 1926.
- *ESC 32. Summary of distinctive features of 1925 home demonstration reports of the 11 Western States. Madge J. Reese. December, 1926.
- *ESC 33. Local leadership and the effectiveness of extension work in reaching rural people. A study of 169 local extension leaders, 439 farms, and 92 village homes in Hamlin County, S. Dak., 1925. M. C. Wilson and W. F. Kumlien. December, 1926.
- *ESC 34. Clothing construction. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson. February, 1927.
- ESC 35. Foreign agricultural extension activities. Canada, England, Ireland, Australia, Germany, Czechoslovakia, and Poland. J. M. Stedman. February, 1927.
- ESC 36. Practice of forestry upon private lands as influenced by forestry extension. G. H. Collingwood. February, 1927.
- ESC 37. Training 4-H leadership. R. G. Foster. March, 1927.
- *ESC 38. Developments in negro extension work. C. B. Smith. March, 1927.
- ESC 39. Farmers' institutes, 1926. J. M. Stedman. April, 1927.
- *ESC 40. Copper-carbonate treatment for stinking smut of wheat. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. March, 1927.
- *ESC 41. Feed resources. Western States. May, 1927.
- ESC 42. Statistical results of cooperative extension work, 1926. M. C. Wilson. May, 1927.
- ESC 43. Extension projects in rural community organization. C. H. Schopmeyer. May, 1927.
- ESC 44. Foreign agricultural extension activities. Canada, Scotland, Belgium, Germany, and Union of South Africa. J. M. Stedman. June, 1927.
- ESC 45. Potato spraying. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. June, 1927.
- *ESC 46. Attitudes and problems of farm youth. E. L. Kirkpatrick. June, 1927.
- ESC 47. Summary of information. Clothing project, 1926. Madge J. Reese. June, 1927.

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

- ESC 48. After five years. Review of fact organization and State and regional program making in the Western States. W. A. Lloyd. July, 1927. (Address presented at Western States Extension Conference, Reno, Nev., July 11, 1927.)
- *ESC 49. Local leadership. Clothing project. Excerpts from 1926 annual reports of State and county extension agents. M. J. Reese and M. C. Wilson. July, 1927.
- ESC 50. Home demonstration work, 1926. Grace E. Frysinger. July, 1927.
- ESC 51. Measuring the progress of extension work. A study of 590 farms and farm homes in two Illinois counties. M. C. Wilson, W. H. Smith, and Kathryn Van Aken. July, 1927.
- *ESC 52. Does education pay the farmer? F. A. Merrill. August, 1927.
- ESC 53. Use of illustrative material in the promotion of boys' and girls' 4-H club work. C. H. Hanson. August, 1927.
- ESC 54. Seed- potato improvement and certification. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. August, 1927.
- ESC 55. Special courses for preparation of agricultural and home-economics extension teachers. E. H. Shinn and F. A. Merrill. September, 1927.
- ESC 56. Marketing activities - farm women and girls. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson. September, 1927.
- *ESC 57. Influence of bulletins, news stories, and circular letters upon farm practices with special reference to methods of bulletin distribution. M. C. Wilson. September, 1927. (Address presented at conference of American Association of Agricultural College Editors, Fort Collins, Colo., August 23 to 26, 1927.)
- ESC 58. Teaming with the county agent. H. W. Hochbaum. October, 1927. (Address presented at conference of American Association of Agricultural College Editors, Fort Collins, Colo., August 23 to 26, 1927.)
- ECS 59. A study of land-grant college curricula with reference to special courses for the preparation of agricultural and home-economics extension teachers without considering agricultural, home-economics, and closely related science subjects. E. H. Shinn and F. A. Merrill. October, 1927.
- ESC 60. Looking forward in home demonstration work. Grace E. Frysinger. October, 1927. (Address presented at conference of American Home Economics Association, Asheville, N. C., June 22, 1927.)
- ESC 61. Orchard spraying. Excerpts from 1926 annual reports of county extension agents. F. C. Meier and M. C. Wilson. October, 1927.

*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.



- ESC 62. Foreign agricultural extension activities. England, Wales, Sweden, Finland, Poland, and Spain. J. M. Stedman. October, 1927.
- ESC 63. Sweet clover. Excerpts from 1926 annual reports of State and county extension agents. M. C. Wilson and O. S. Fisher. November, 1927.
- ESC 64. Effectiveness of dairy extension. A study of 192 dairy farms in Mercer, Hunterdon, and Warren Counties, N. J., 1926. M. C. Wilson and A. M. Hulbert. November, 1927.
- ESC 65. The agricultural extension program in relation to farm income and farm life. C. B. Smith. November, 1927. (Address presented at Country Life Conference, East Lansing, Mich., August 3, 1927.)
- ESC 66. County-agent standards. H. W. Gilbertson. January, 1928. (A revision of ESC 17, July, 1926. For later revision see ESC 158.)
- ESC 67. Foreign agricultural extension activities. Ecuador, Brazil, Czechoslovakia, Germany, and India. J. M. Stedman. January, 1928.
- ESC 68. Agricultural instruction - A means of establishing better racial relations in Southern communities. E. H. Shinn. February, 1928. (Address presented at the Negro Educational Conference, Nashville, Tenn., August 1, 1927, and the Negro State Teachers' Association, Little Rock, Ark., November 11, 1927.)
- ESC 69. Opportunities for students of agricultural colleges. E. H. Shinn. March, 1928.
- ESC 70. Lantern slides for rural communities. C. H. Hanson. March, 1928.
- ESC 71. The place of 4-H clubs in the American system of public education. Alfred Charles True. March, 1928.
- ESC 72. Extension work with rural young people above 4-H club age. R. A. Turner. April, 1928.
- ESC 73. Farmers' institutes, 1927.. J. M. Stedman. April, 1928.
- ESC 74. Summary of distinctive features of 1927 home demonstration reports of the 11 Western States. Madge J. Reese. April, 1928.
- ESC 75. Foreign agricultural extension activities. England, France, Sweden, Belgium, Italy, Switzerland, and Germany. J. M. Stedman. April, 1928.
- ESC 76. Statistical results of cooperative extension work, 1927. M. C. Wilson. April, 1928.

- ESC 77. Extension results as influenced by various factors. A study of 532 farms and farm homes in Clay and Sedgwick Counties, Kans., 1927. M. C. Wilson and A. L. Clapp. May, 1928.
- ESC 78. Distribution of bulletins and their use by farmers. M. C. Wilson. May, 1928.
- *ESC 79. Effectiveness of poultry extension. A study of 612 farms with poultry in Franklin, Miami, and Guernsey Counties, Ohio, 1927. M. C. Wilson and J. E. McClintock. May, 1928.
- ESC 80. Objectives in a program of rural-life improvement. E. H. Shinn. June, 1928.
- ESC 81. Report of European trip. Grace E. Frysinger. June, 1928.
- ESC 82. Challenge of the unified extension program. Eugene Merritt. June, 1928. (Address presented at Western States Extension Conference, Laramie, Wyo., July 9, 1928.)
- ESC 83. Some extension administrative problems. C. B. Smith. July, 1928. (Address presented at Central States Extension Conference, State College of Agriculture, Urbana, Ill., May 22 to 24, 1928.)
- ESC 84. Foreign agricultural extension activities. England and Wales, Denmark, Finland, Germany, and India. J. M. Stedman. July, 1928.
- ESC 85. Home Industries. Excerpts from 1927 annual reports of State and county extension agents. M. C. Wilson. August, 1928.
- ESC 86. The public attitude toward extension work. C. W. Warburton. July, 1928.
- ESC 87. Interpretation of the Smith-Lever Act. C. W. Warburton. July, 1928. (Address presented before the extension section of the American Home Economics Association, Des Moines, Iowa. June 28, 1928.)
- ESC 88. Extension program development - 1927. Excerpts from 1927 annual reports of State and county extension agents. M. C. Wilson. October, 1928.
- ESC 89. Effectiveness of extension in influencing rural people. A study of 379 farms and farm homes in Newport, Providence, and Kent Counties, R. I., 1928. J. M. Stedman and George E. Adams. October, 1928.
- ESC 90. Foreign agricultural extension activities. Canada, Scotland, and India. J. M. Stedman. October, 1928.
- ESC 91. Farm buildings and farm machinery. Excerpts from 1927 annual reports of State and county extension agents. M. C. Wilson, October, 1928.

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- ESC 92. The relationship of the extension service to farmers' cooperative associations. C. B. Smith. October, 1928. (Address before the National Cooperative Milk Producers' Association, Memphis, Tenn., October 18, 1928.)
- ESC 93. Factors which affect extension morale. C. W. Warburton. November, 1928. (Address presented at the Kentucky State Extension Conference, October 25, 1928, and at the Iowa State Extension Conference, November 1, 1928.)
- ESC 94. Classified list of articles in the United States Department of Agriculture Yearbook for 1927. F. A. Merrill. December, 1928.
- ESC 95. Film slides in the teaching of agriculture. C. H. Hanson. January, 1929. (For revision see ESC 142.)
- ESC 96. Foreign agricultural extension activities. England, Wales, Uruguay, Italy, Germany, New Zealand, and South Africa. J. M. Stedman. January, 1929.
- ESC 97. Extension results as influenced by various factors. A study of 451 farms and farm homes in Jackson and Menominee Counties, Mich., 1928. M. C. Wilson and R. J. Baldwin. February, 1929.
- ESC 98. How to find and apply economic material as a background for a farm and home program. Eugene Merritt. February, 1929. (A paper read before the Eastern States Extension Conference, Washington, D. C., February 26, 1929.)
- ESC 99. The house we build. James S. Taylor. April, 1929. (A paper read before the Eastern States Extension Conference, Washington, D. C., February 27, 1929.)
- ESC 100. Foreign agricultural extension activities. Canada, Paraguay, Norway, Sweden, and South Africa. J. M. Stedman. April, 1929.
- *ESC 101. Effectiveness of home-economics extension work in reaching farm women. M. C. Wilson. April, 1929.
- ESC 102. Farmers' institutes, 1928. J. M. Stedman. April, 1929.
- *ESC 103. Extension service circulars of the United States Department of Agriculture. Numbers 1 to 100 inclusive, issued from March, 1928, to April, 1929. April, 1929. (For revision see ESC 122 and ESC 160.)
- ESC 104. Measuring the progress of extension work. A study of 304 farms and farm homes in Vermilion County, Ill., 1928. M. C. Wilson, W. H. Smith, and Kathryn Van Aken Burns. May, 1929.

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- ESC 105. The immediate future in extension work. C. W. Warburton. May, 1929. (A paper read before the Central States Extension Conference, La Fayette, Ind., April 24, 1929.)
- ESC 106. Statistical results of cooperative extension work, 1928. M. C. Wilson. May, 1929.
- ESC 107. Club data from extension studies. M. C. Wilson. June, 1929.
- ESC 108. The farm youth and their economic background. Eugene Merritt. June, 1929. (Address presented at the Third National Boys' and Girls' 4-H Club Camp, Washington, D. C., June 19 to 25, 1929.)
- ESC 109. The 4-H club situation. C. B. Smith. June, 1929. (Address presented at the Third National Boys' and Girls' 4-H Club Camp, Washington, D. C., June 19, 1929.)
- ESC 110. Foreign agricultural extension activities. Colombia, Norway, Germany, Finland, and India. J. M. Stedman. July, 1929.
- ESC 111. Home economics extension work. C. B. Smith, August, 1929. (Address presented before the extension section of the American Home Economics Association, Boston, Mass., July 3, 1929.)
- ESC 112. Possibilities and limitations of assistance to cooperative associations by the extension service. C. W. Warburton. August, 1929. (Address presented before the American Institute of Cooperation, Baton Rouge, La., July 31, 1929.)
- ESC 113. The significance of vocational training in a State program of negro education. E. H. Shinn. October, 1929. (Address presented before the National Association of Teachers in Colored Schools, Jackson, Miss., August 1, 1929.)
- ESC 114. Foreign agricultural extension activities. Canada, England and Wales, Denmark, Austria, Poland, and India. J. M. Stedman. November, 1929.
- ESC 115. What local leaders do. A study of the activities of 155 local extension leaders in two Nebraska counties. M. C. Wilson and W. H. Brokaw. November, 1929.
- ESC 116. Leave for professional improvement. C. B. Smith. November, 1929. (Address presented before the convention of the Association of Land-Grant Colleges and Universities, Chicago, Ill., November 13, 1929.)
- ESC 117. Extension work in cooperative marketing. C. W. Warburton. December, 1929. (Address presented before the joint session of the agricultural-teaching, research, and extension sections during the convention of the Association of Land-Grant Colleges and Universities, Chicago, Ill., November 12, 1929.)

- ESC 118. What local leaders do: Kansas. A study of the activities of 171 local extension leaders in four counties. M. C. Wilson and C. R. Jaccard. January, 1930.
- ESC 119. Foreign agricultural extension activities. England and Wales, Germany, Norway, Italy, and Hungary: J. M. Stedman, January, 1930.
- ESC 120. Farmers' Institutes, 1929. J. M. Stedman. February, 1930.
- ESC 121. Rewards of leadership. H. W. Gilbertson. March, 1930.
- ESC 122. Extension service circulars of the United States Department of Agriculture. Numbers 1 to 121 inclusive. Issued from March, 1926, to March, 1930. April, 1930. (A revision of ESC 103, April, 1929. For later revision see ESC 160.)
- ESC 123. Foreign agricultural extension activities. England, Australia, France, Guatemala, Esthonia, Austria, Soviet Union, and India. J. M. Stedman. April, 1930.
- ESC 124. Statistical results of cooperative extension work, 1929. M. C. Wilson. May, 1930.
- ESC 125. How to organize a county agent's office. C. L. Chambers. June, 1930.
- ESC 126. How the supervisor aids the county agent. C. L. Chambers. June, 1930.
- ESC 127. 4-H club work - old and new objectives. C. J. Galpin. July, 1930. (Addresses delivered at the Fourth National Boys' and Girls' 4-H Club Camp, Washington, D. C., June 18 and 19, 1930.)
- ESC 128. Educational values in 4-H club work. E. H. Shinn. July, 1930.
- ESC 129. Home demonstration work, 1929, Central States. Grace E. Frysinger. July, 1930.
- ESC 130. Adjustment of the extension service to new cooperative developments. E. G. Farrell, August, 1930. (Address presented before the American Institute of Cooperation, Columbus, Ohio, July 8, 1930.)
- ESC 131. The agricultural college editor. C. W. Warburton. August, 1930. (Address presented at the annual meeting of the American Association of Agricultural College Editors, Washington, D. C., August, 26, 1930.)
- ESC 132. Report of committees, Western States Extension Conference, Bozeman, Mont., August 11 to 15, 1930. September, 1930.
- ESC 133. Trends in extension work in home economics. C. W. Warburton. September, 1930.

- ESC 134. Foreign agricultural extension activities. Mexico, Bavaria, Finland, and Switzerland. J. M. Stedman. September, 1930.
- ESC 135. My philosophy of rural recreation. C. J. Galpin. October, 1930. (Address presented at the Country Life Conference, Madison, Wis., October 7 to 10, 1930.)
- ESC 136. The purpose of reports and methods of reporting. H. W. Gilbertson. October, 1930.
- ESC 137. Suggestions for the organization and conduct of a 4-H community club. I. W. Hill. October, 1930.
- ESC 138. More time for leisure in the farm home. Madge J. Reese. November, 1930. (Address presented at the Country Life Conference, Madison, Wis., October 8, 1930.)
- ESC 139. Buy health protection with your food money. November, 1930. (Prepared at the direction of the National Drought Relief Committee by the subcommittee on nutrition information.)
- ESC 140. Agricultural extension as affected by recent economic trends. C. W. Warburton, December, 1930. (An address presented before the section on agriculture at the convention of the Association of Land-Grant Colleges and Universities, Washington, D. C., November, 19, 1930.)
- ESC 141. The next steps in club work. C. B. Smith. December, 1930. (An address delivered at the convention of the Association of Land-Grant Colleges and Universities, Washington, D. C., November 17 to 19, 1930.)
- ESC 142. Film strips in the teaching of agriculture. C. H. Hanson, December, 1930. (A revision of ESC 95, Filmstrips in the teaching of agriculture, January, 1929.)
- ESC 143. Standards of living as a basis for an agricultural extension program. Madge J. Reese. December, 1930. (An address presented at the forty-fourth annual convention of the Association of Land-Grant Colleges and Universities, Washington, D. C., November 19, 1930.)
- ESC 144. Coordination of farm-management extension programs. V. B. Hart. January, 1931. A paper presented at the twenty-first annual meeting of the American Farm Economic Association, Cleveland, Ohio, December 29, 1930.)
- ESC 145. Effectiveness of home garden extension. A study of 271 farm homes in Union, Sumter, and Orangeburg Counties, S.C., 1930. M. C. Wilson and Lonny I. Landrum. January, 1931.
- ESC 146. Milk quality improvement in the extension program. O. E. Reed. December, 1930. (A paper presented before the committee on extension organization and policy at the forty-fourth annual convention of the Association of Land-Grant Colleges and Universities, Washington, D. C., November 17 to 19, 1930.)

- ESC 147. Educational values in 4-H club work. E. H. Shinn. January, 1931..
- ESC 148. Choices as a basis for analysis of farm people's problems. Eugene /
Merritt
January, 1931.
- ESC 149. Method of arriving at economic readjustments for the South. C. L.
Chambers, January, 1931.
- ESC 150. Foreign agricultural extension activities. England and Wales,
Denmark, Sweden, Czechoslovakia, and Australia. J. M. Stedman.
January, 1931.
- ESC 151. Circular letters. An analysis of their use by extension workers.
Iva M. Sinn. February, 1931.
- ESC 152. Farmers' institutes, 1930. J. M. Stedman. February, 1931.
- ESC 153. The place of farm accounting in extension. C. R. Arnold. March,
1931. (A paper presented at the twenty-first annual meeting
of the American Farm Economic Association, Cleveland, Ohio,
December 29, 1930.)
- ESC 154. Effectiveness of extension work with farm-home kitchens. A study
of 280 farm homes in McCracken and McLean Counties, Kentucky,
1930. M. C. Wilson, Mary A. Rokahr, and Myrtle M. Weldon.
April, 1931.
- ESC 155. The effectiveness of extension work in home management. A study
of 223 rural homes in Somerset and Gloucester Counties, N. J.,
1930. M. C. Wilson, Mary A. Rokahr, and Marion Butters. May,
1931.
- ESC 156. The problem of reaching and influencing farm women not in home
demonstration clubs. A study of 447 nonmembers of home demon-
stration clubs in three State areas. M. C. Wilson, May, 1931.
- ESC 157. Statistical results of cooperative extension work, 1930. M. C.
Wilson. May, 1931.
- ESC 158. County-agent standards. H. W. Gilbertson. June, 1931. (A re-
vision of ESC 17, July, 1926, and ESC 66, January, 1928.)
- ESC 159. The social and economic problems of the farm girl. Gertrude L.
Warren. May, 1931. (A paper presented at the Eastern States
Extension Conference, New Brunswick, N.J., February 24, 1931.)
- ESC 160. Extension service circulars of the United States Department of
Agriculture. Numbers 1 to 160, inclusive, issued from March,
1926, to June, 1931. June, 1931. (A revision of ESC 103,
April, 1929, and Esc 122, April, 1930.)

Subject List

of Department of Agriculture Extension Service Circulars

Agricultural economics

- Agricultural extension as affected by recent economic trends. C. W. Warburton. (U. S. Ext. Serv. Circ. 140. Dec., 1930.)
- Standards of living as a basis for an agricultural extension program. Madge J. Reese. (U. S. Ext. Serv. Circ. 143. Dec., 1930.)
- Choices as a basis for analysis of farm people's problems. Eugene Merritt. (U. S. Ext. Serv. Circ. 148. Jan., 1931.)
- Methods of arriving at economic readjustments for the South. C. L. Chambers. (U. S. Ext. Serv. Circ. 149. Jan., 1931.)
- The place of farm accounting in extension. C. R. Arnold. (U. S. Ext. Serv. Circ. 153. Mar., 1931.)

Agricultural education

- Extension projects in rural community organization. C. H. Shopmeyer. (U. S. Ext. Serv. Circ. 43. May, 1927.)
- *Does education pay the farmer? F. A. Merrill. (U. S. Ext. Serv. Circ. 52. Aug., 1927.)
- Special courses for preparation of agricultural and home-economics extension teachers. E. H. Shinn and F. A. Merrill. (U. S. Ext. Serv. Circ. 55. Sept., 1927.) A study of land-grant college curricula with reference to special courses for the preparation of agricultural and home-economics extension teachers without considering agricultural, home-economics, and closely related science subjects. E. H. Shinn and F. A. Merrill. (U. S. Ext. Serv. Circ. 59. Oct., 1927.)
- Agricultural instruction - A means of establishing better racial relations in southern communities. E. H. Shinn. (U. S. Ext. Serv. Circ. 58. Feb., 1928.) Address presented at the Negro Educational Conference, Nashville, Tenn., Aug. 1, 1927, and the Negro State Teachers' Association, Little Rock, Ark., Nov. 11, 1927.
- Opportunities for students of agricultural colleges. E. H. Shinn. (U. S. Ext. Serv. Circ. 69. Mar., 1928.)
- The significance of vocational training in a State program of negro education. E. H. Shinn. (U. S. Ext. Serv. Circ. 113. Oct., 1929.) Address presented before the National Association of Teachers in Colored Schools, Jackson, Miss., Aug. 1, 1929.

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Agronomy (general)

- *Effect of weather conditions on percentage of moisture in market corn. O. S. Fisher. (U. S. Ext. Serv. Circ. 5. Apr., 1926.)
- *Extension work in agronomy, 1925. O. S. Fisher. (U. S. Ext. Serv. Circ. 18. July, 1926.)

Central States

- *Comments on extension work in the North Central States. C. B. Smith. (U. S. Ext. Serv. Circ. 11. June, 1926.)
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Organization (continued)

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I. W. Hill. (U. S. Ext. Serv. Circ. 137. Oct., 1930.)

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*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

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*Supply exhausted. Copies have been sent to State agricultural college
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*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

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*Supply exhausted. Copies have been sent to State agricultural college libraries and to experiment station libraries for reference use.

